

PROJECT DESCRIPTION
THIS PROJECT INVOLVES THE REPLACEMENT OF THE EXISTING HAZARD IDENTIFICATION BEACON FOR EASTBOUND US 40 PRIOR TO MARRIOTTSVILLE ROAD.
US 40 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION

INTERSECTION OPERATION
THERE WILL BE NO CHANGE TO THE EXISTING NEMA SIX PHASE OPERATION

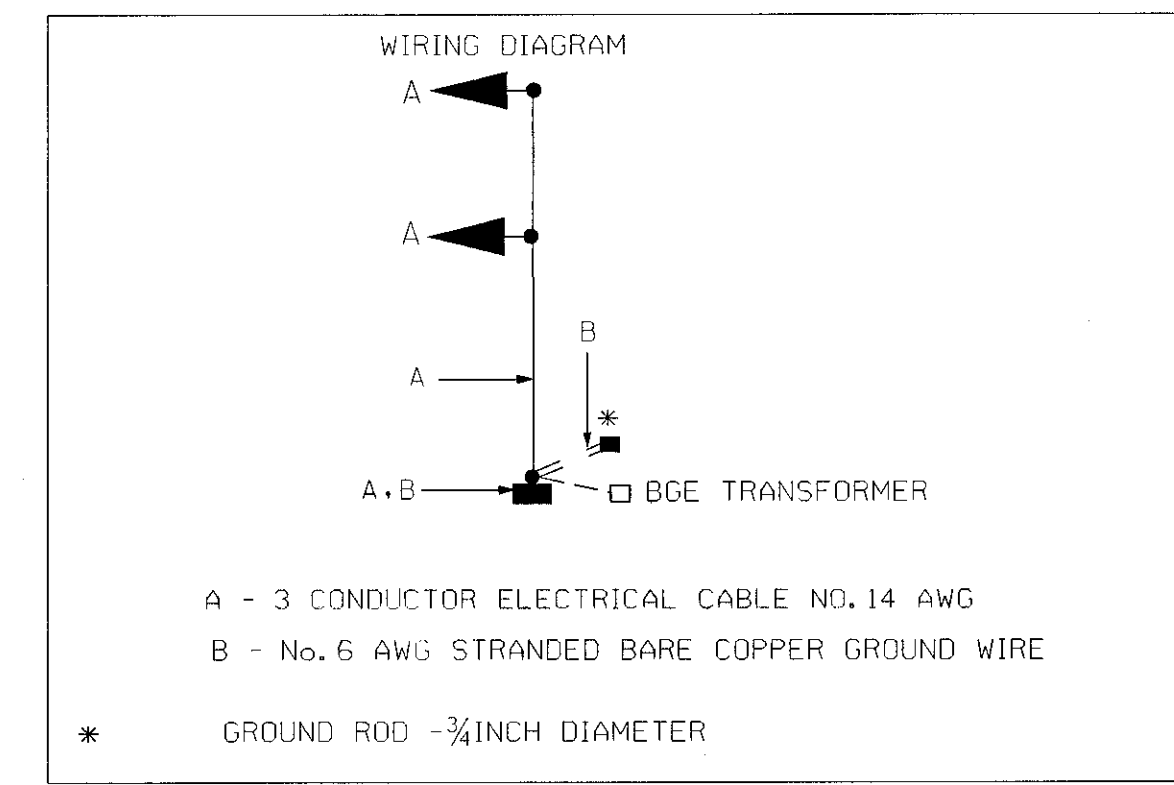
EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9043	1 EA	CONTROLLER CABINET, POLE MOUNT
9571	35 SF	SHEET ALUMINUM MAST ARM / POLE MOUNTED SIGN

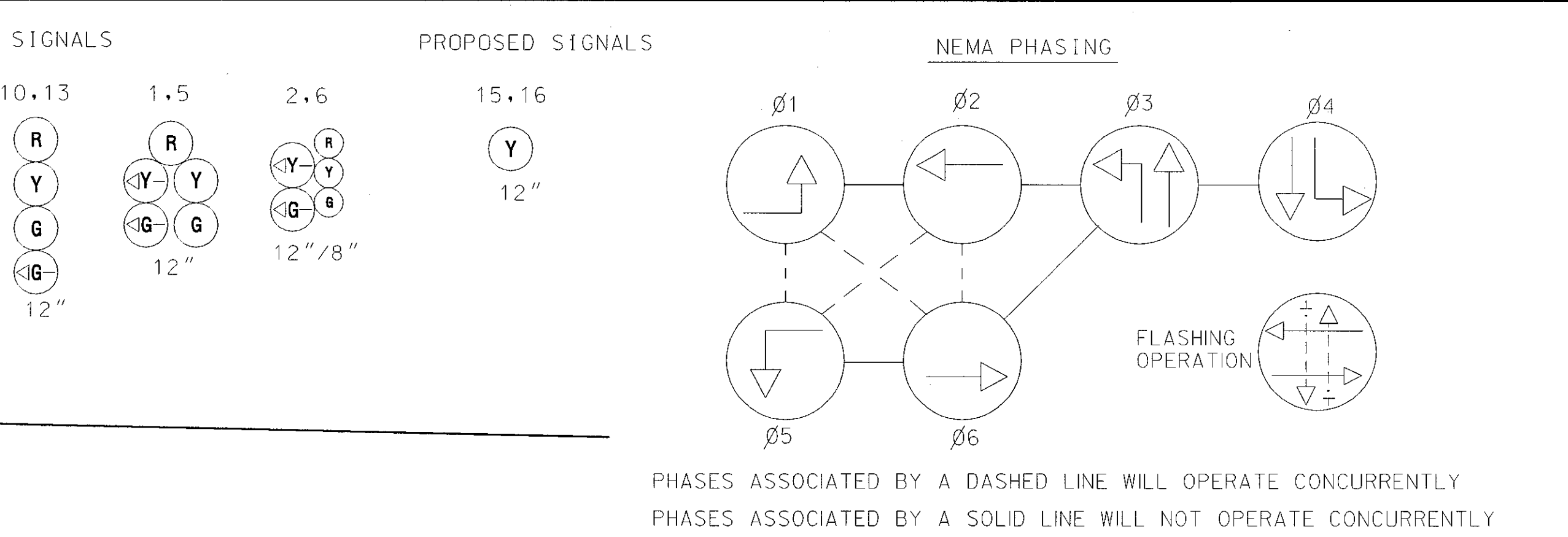
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8006	1 EA	CUT, CLEAN & CAP TRAFFIC SIGNAL STRUCTURE
8011	2 EA	F&I 12 IN VEH SIG HEAD SECTION
8020	1 EA	F&I CONTROL AND DISTRIBUTION EQUIPMENT FOR SIGNAL
8022	1 EA	F&I MAST ARM POLE & 50 FT MAST ARM
8031	1 EA	F&I PHOTOCELL
8047	1 EA	REM & DISPOSE FOUND 12" BELOW GRADE
8048	1 EA	REM & DISPOSE MAT & EQUIP PER ASSIGN
8057	3 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8060	20 LF	FURNISH AND INSTALL NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8071	20 LF	FURNISH AND INSTALL ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG- THHN/THWN
8075	35 SF	INSTALL OVERHEAD SIGN
8083	150 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 3 CONDUCTOR (NO 14 AWG)
8091	15 LF	FURNISH AND INSTALL TWO INCH DIAMETER POLYVINYL CHLORIDE ELECTRICAL CONDUIT, SCHEDULE 80, TRENCHED
8092	1 EA	INSTALL CONTROLLER AND CABINET - POLE MOUNT



UTILITY LEGEND

— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— A —	AERIAL CABLES
— T —	TELEPHONE CABLES



- CONSTRUCTION DETAILS**
- INSTALL 27 FOOT STEEL POLE WITH 50 FOOT MAST ARM, POLE MOUNTED CABINET, VEHICULAR TRAFFIC SIGNAL INDICATION AND SIGNS. INSTALL 1-2" AND 1-4" SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE. NOTE: CUT MAST ARM TO 40 FT
 - REMOVE FOUNDATION 12 INCHES BELOW GRADE.
 - DISCONNECT AND PULL BACK EXISTING ELECTRICAL SERVICE AND REROUTE TO PROPOSED TRAFFIC SIGNAL STRUCTURE.
 - INSTALL TRAFFIC SIGNAL HANDHOLE.
 - INSTALL 2 INCH SCHEDULE 80 PVC CONDUIT.

THE CONTACT PERSONS FOR DISTRICT #7 ARE AS FOLLOWS:

Mr. John Concannon
Assistant District Engineer - Traffic
Phone: 301-624-8140

Mr. James Buckalew
District Utility Engineer
Phone: 301-624-8105

Mr. Edward Rodenhizer
Chief, Traffic Signal Shop
Phone: 410-787-7650

Mr. Richard L. Daff Sr.
Chief, Traffic Operation Division

Power Company Representative is:
Baltimore Gas & Electric Company
7317 Parkway Drive South
Hanover, MD 21076
Phone: 410-850-4620

GENERAL NOTE
THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER IF ANY UTILITY CONFLICTS SHOULD ARISE.

REVISIONS		APPROVALS	
SHA No. 23863T13012 REPLACE EB US 40 HIB ADDED E/P MAIN LINE & SIDE STREET SPLIT XX1005485 4/7/2000		ORIGINAL TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION ON ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION FILE DIRECTOR, TRAFFIC & SAFETY	
D ADDED THIRD SIGNAL TO MAIN LINE 7 REVISE SIGNING 5/98		DRAWN BY: J. GORDON CHECKED BY: J. GORDON SCALE: 1"=20' DATE: 9/25/79	
		F.A.P. NO. N/A S.H.A. NO. HOWARD COUNTY: LOG MILE: 13004013.32	
		TS NO. 1622(F) T.I.M.S. NO. G107 SHEET NO. OF	